

METHOD OF PRODUCING MONOLITHIC OXIDATION CATALYSTS AND THEIR USE IN GAS PHASE OXIDATION OF CARBOHYDRATES

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The invention relates to a method of producing monolithic substrate catalysts and to their use in the gas phase oxidation of carbohydrates. Said catalysts are obtained by coating the catalyst substrate with a suspension that consists of a catalytically active compound and one or more surfactants of the general formula R_nY_mX . R represents the hydrophobic part of the surfactant, with n being 1, 2 or 3. Y represents the hydrophilic part of the surfactant, with m being 0, 1, 2 or 3 and X represents the hydrophilic head group of the surfactant.

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